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Sheet 1 of 2

Application Number	10/043,320
Filing Date	January 14, 2002
First Named Inventor	Huang
Group Art Unit	1745
Examiner Name	not assigned
Attorney Docket Number	45283.5

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TC 1700

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
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Away From - Foster

Date _____

Considered

3/21/04

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known <table border="1"> <tr> <td>Application Number</td> <td>10/043,320</td> </tr> <tr> <td>Filing Date</td> <td>January 14, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Huang</td> </tr> <tr> <td>Group Art Unit</td> <td>1745</td> </tr> <tr> <td>Examiner Name</td> <td>not assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>45283.5</td> </tr> </table>		Application Number	10/043,320	Filing Date	January 14, 2002	First Named Inventor	Huang	Group Art Unit	1745	Examiner Name	not assigned	Attorney Docket Number	45283.5
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Sheet	2	of	2	<div style="text-align: right;"> RECEIVED OCT 21 2002 TC 1745 </div>													

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Examiner Signature	<i>Suey Lang Foster</i>	Date Considered	3/21/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/043,320
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First Named Inventor	Huang, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	45283 5

Sheet 1 of 5

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
11	1	3,219,730		Bliton, et al.	11-23-1965	
11	2	3,300,344		Bray, et al.	06-27-1962	
11	3	3,551,209		Alles, et al.	12-29-1970	
11	4	4,459,341		Marachant, et al.	07-10-1984	
11	5	4,582,766		Isenberg, et al.	04-15-1986	
11	6	4,597,170		Isenberg	07-01-1986	
11	7	4,702,971		Isenberg	10-27-1987	
11	8	4,767,518		Maskalick	08-30-1988	
11	9	4,839,327		Haruta, et al.	06-13-1989	
11	10	4,849,254		Spengler, et al.	07-18-1989	
11	11	5,037,525		Badwal	08-06-1991	
11	12	5,286,580		Ippommatsu, et al.	02-15-1994	
11	13	5,500,307		Anzai, et al.	03-19-1996	
11	14	5,676,806		Berkel, et al.	10-14-1997	
11	15	5,753,385		Jankowski, et al.	05-19-1998	
11	16	5,824,429		Das, et al.	10-20-1998	
11	17	5,993,988		Ohara, et al.	11-30-1999	
11	18	5,998,056		Divisek, et al.	12-07-1999	
11	19	6,051,329		Fasano, et al.	04-18-2000	
11	20	6,054,232		Ippommatsu, et al.	04-25-2000	

[illegible]

Amy Isang Foster

3/21/04

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/043,320
		Filing Date	January 14, 2002
		First Named Inventor	Huang, et al.
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	45283.5
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		Number	Kind Code ² (if known)			
<i>12</i>	21	6,117,582		Wallin, et al.	09-12-2000	
<i>12</i>	22	5,937,265		Wallin Pratt et al.	08-10-1999	
<i>12</i>	23	5,863,673		Campbell, et al.	01-26-1999	
<i>12</i>	24	5,744,015		Mazanec, et al.	04-28-1998	
<i>12</i>	25	5,693,212		Mazanec, et al.	12-02-1997	
<i>12</i>	26	5,670,270		Wallin	09-23-1997	
<i>12</i>	27	5,591,315		Mazanec, et al.	01-07-1997	
<i>12</i>	28	5,543,239		Virkar, et al.	08-06-1996	
<i>12</i>	29	5,306,411		Mazanec, et al.	04-26-1994	
<i>12</i>	30	5,294,580		Dufner	03-15-1994	
<i>12</i>	31	5,208,207		Stonehart, et al.	05-04-1993	
<i>12</i>	32	5,045,169		Feduska, et al.	09-03-1991	
<i>12</i>	33	4,933,054		Mazanec, et al.	06-12-1990	
<i>12</i>	34	5,993,986		Wallin, et al.	11-30-1999	
<i>12</i>	35	3,787,244		Schulmesiter, et al.	01-22-1974	
<i>12</i>	36	4,940,528		Oki, et al.	07-10-1990	
<i>12</i>	37	4,582,766		Isenburg	04-15-1986	

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		Office ³	Number ⁴	Kind Code ² (if known)				
12	38	EP	0 351 123		Johnson Matathey Public	01-17-1990		
12	39	EP	0 526 749 A1		.Osaka Gas Co. Ltd.	02-10-1993		
12	40	EP	0 584 551 A1		.Nippon Oil Co. Ltd.	03-02-1994		
12	41	EP	0 996 184 A2		Sofco	04-26-2000		
12	42	EP	1 058 329 A2		Shinko Electric Ind. Co.	12-06-2000		
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12	44	GR	1.189.221		Isenberg, et al.	03-11-1966		
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12	46	JP	6327-1807		Chichibu Cement Co. Ltd.	11-09-1988	English Abstract	no translation
12	47	JP	7045293		Mitsui Eng & Shipbuild Co.	02-14-1995	English Abstract	no translation

Examiner Signature	<i>Amy Isang Foster</i>	Date Considered	<i>3/21/04</i>
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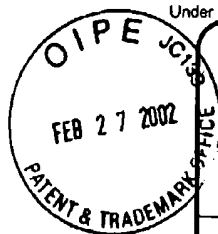
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/043,320
		Filing Date	January 14, 2002
		First Named Inventor	Huang, et al.
		Group Art Unit	
		Examiner Name	
Sheet 3	of 5	Attorney Docket Number	45283.5

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Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
12	48	JP	174833 5-174833		Tonen Corp. et al.	07-13-1993	English Abstract
12	49	pct	PCT/BG98/00016		Laman Consultancy Ltd.	04-08-1999	
12	50	pct	PCT/US99/03865		T/J Technologies Inc.	08-26-1999	
12	51	pct	PCT/NL99/00269		Stichting Energieonder	11-11-1999	
12	52	pct	PCT/US99/13132		Ceramphysics Inc.	12-16-1999	
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12	54	pct	PCT/US00/05735		Gas Research Institute	09-08-2000	
12	55	JP	04-051462		Yuasa Corp.	02-19-1992	English Abstract, no translation
12	56	JP	02-310459		NGK Spark Plug Co. Ltd.	12-26-1990	English Abstract, no translation
12	57	JP	04-192261		NGK Spark Plug Co. Ltd.	07-10-1992	English Abstract, no translation

Same as
WO 99/57779
cited in
IDS
filed
10/21/03

no translation
of reference
JP 5-174833
AS
3/04

no translation
English Abstract, no translation
English Abstract, no translation

Examiner Signature	<i>Shirley Isany Foster</i>	Date Considered	3/21/04
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Filing Date	January 14, 2002
First Named Inventor	Huang, et al.
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Sheet 4 of 5

U.S. PATENT DOCUMENTS

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Suey Loony Foster

Date Considered

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	61	GAUCKLER, Professor Ludwig, J.; Experimental papers carried out by the Department of Materials, Swiss Federal Institute of Tech., Zurich, March 1966 to December 1999.	
	62	VIRKAR, Anil V.; Various articles presented by Dr. Virkar - Professor of Materials Science & Eng. University of Utah.	
12	63	SWARTZ, et al.; Paper "Cathode Supported Thin-Film Solid Oxide Cells with Low Operating Temperatures", NexTech Materials Ltd., Worthington, OH. (no date) Abstract for DOE GRANT NO. DE-FG02-99ER82874	
12	64	ANDERSON, et al.; Project Fact Sheet "Low Temperature Cathode Supported Electrolytes" - United States Department of Energy - 2000/2001. (no month)	
	65	ARGIRUSIS, et al.; Paper "Preparation and Characterization of Cathode Supported SOFC's with MOD Thin-Film Electrolytes.	
12	66	UCHIDA, Hiroyuki et al., Paper B-IN-05 12th International Conference on Solid State Ionics - Halkidiki, 1999 High Performance etc., Yamanashi University, Takeda 4-3, Kofu 400-8511, Japan. (no month)	
12	67	ERNIG, J.W., et al., Journal of Power Sources 61 (1996) 205-211 - Catalysis of the electrochemical processes of solid oxide fuel cell cathodes; (no month)	
12	68	MURPHY, M.M., et al.; J. Electrochem Soc. Vol. 141, No. 8, August 1994 - Electroless Deposition of Electrodes in Solid-Oxide Fuel Cells.	
12	69	SAHIBZADA, M., et al., Solid State Ionics 113-115 (1998) Pd-promoted La0.6Sr0.4CO0.2Feb0.803 Cathodes - Department of Materials, Imperial College of Science, London. (no month)	
12	70	NAKAGAWA, et al., Paper - Electrode Reaction at Fixed Platinum Film - Fixation of Platinum Film on Stabilized-Zirconia Electrolyte and its Effect on the Electrode Performance of Solid Electrolyte, et al. J. Chem. Engineering of Japan, 1992 (no month)	
12	71	MOGENSEN, et al.; Paper - B-KE-04 - 12th International Conference on Solid State Ionics - Halkidiki, 1999 - Characterization and Performance of SOFC Electrodes: A Critical Analysis. (no month) 2 PAGES SUBMITTED for B-KE-04	

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